

EcoSecurities Group plc

2008 U.S. Coal Mine Methane Conference



A Primer

EcoSecurities is a leading company in the business of sourcing, developing and trading carbon credits in the global carbon market.

Founded in 1997, EcoSecurities' project portfolio today is comprised of:

- 496 projects at different stages of the CDM cycle
- spanning 34 countries, using 18 technologies

- Over 130 projects registered with the CDM Executive Board
- Developed and/or contributed to more than 10 UN approved methodologies
- Over 355 of the projects have secured financing and over 250 are under construction or operational



Buenos Aires

Bankok

Beijing

Bern

Casablanca

Chengdu

Claremont

Delhi

Dubai

Dublin

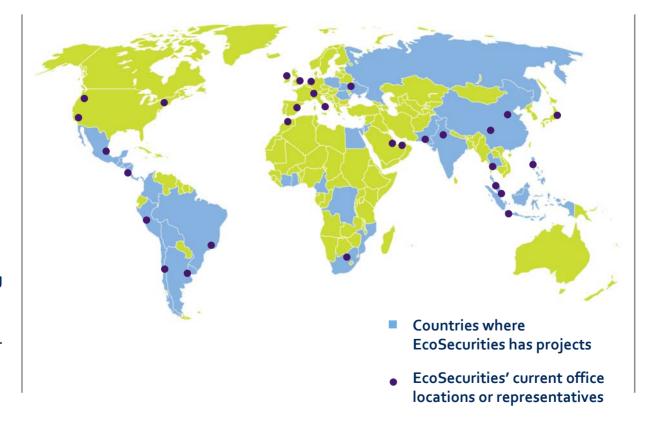
Jakarta

Johannesburg

Karachi

Kiev

Kuala Lumpur



Lima
Madrid
Manila
Manama
Mexico City
New York
Oxford
Portland
Rio de Janeiro
Rome
San Jose
Santiago
Singapore
The Hague
Tokyo

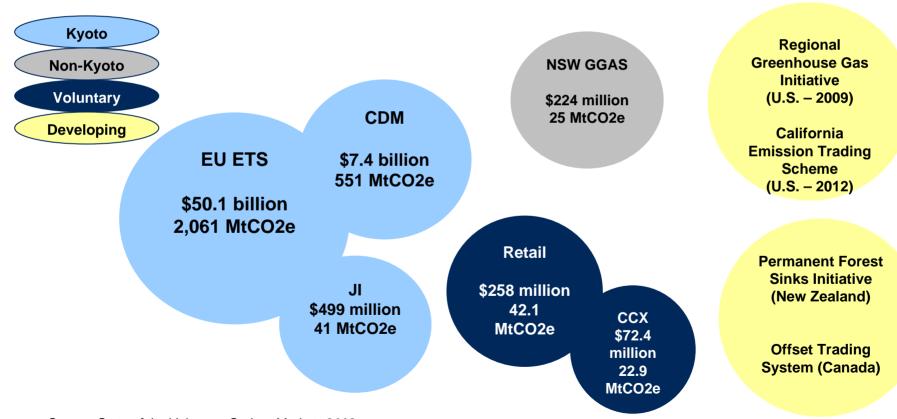


Proven Track Record

Jan 1997 Nov 1997	EcoSecurities formed EcoSecurities develops first carbon verification	Oct 2005	La Esperanza project, structured by EcoSecurities, first ever CERs issued
Sep 2003	service in the world EcoSecurities develops one of the first	Dec 2005	EcoSecurities successfully lists on London AIM €80 million
Nov 2004	methodologies to be approved by the UNFCCC CDM Executive Board EcoSecurities' NovaGerar	Nov 2006	EcoSecurities is voted is voted the 'World's Leading GHG Advisory Firm' for the 6th year in a row
	landfill gas project is the first CDM project worldwide to be registered by CDM Executive Board	Jun 2007	Strategic investment by Credit Suisse and institutional placing by ABN Amro €100 million



The Various Carbon Markets in 2007



Source: State of the Voluntary Carbon Markets 2008

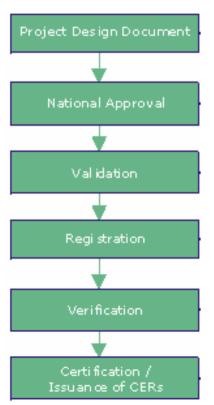


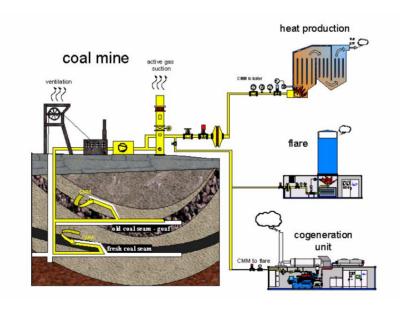
EcoSecurities' Value Added Proposition

CDM/JI development

Technology Partners

Financing







ECO SECURITIES **PDD & Methodology Designated Host Country Approval** National Authority **Validation Operational Entities** Registration The CDM project Financing & implementation cycle **Project Owner Monitoring** Verification **Executive Board Issue CERs** © 2008 ECOSECURITIES GROUP PLC



Coal Mine Methane Emissions for Selected Countries 2000 and 2010

Country	2000 CH ₄ Emissions (Million m ³)	2000 CO ₂ Equivalent (MMT)	2010 CH ₄ Emissions (Million m ³)	2010 CO ₂ Equivalent (MMT)	
Australia	1,381	19.7	2,004	28.6	
Canada	98	1.4	91	1.3	
China	10,000	142.7	15,753	224.7	
Czech Republic	351	5.0	266	3.8	
Germany	1,030	14.7	764	10.9	
India	683	9.7	1,319	18.8	
Japan	133	1.9	147	2.1	
Kazakhstan	488	7.0	447	6.4	
Poland	1,037	14.8	939	13.4	
Russia Federation	2,236	31.9	2,138	30.5	
South Africa	496	7.1	506	7.2	
Turkey	123	1.8	184	2.6	
Ukraine	1,970	28.1	1,689	24.1	
United Kingdom	365	5.2	343	4.9	
United States	5,461	77.9	5,748	82.0	

(Sources: U.S. EPA. 2001. Non-CO2 Greenhouse Gas Emissions from Developed Countries: 1990-2010. Sept. 2001. EPA-430-R-01-007 and country reports)



Country**	2000 Methane Emission*** (Bm³)	Percent of World Total	2000 VAM Emissions (Bm³)	2000 VAM Emissions (MMT CO ₂ e)	Percent of Study Total VAM
China	12.0	36.4	6.5	92.3	45.4
United States	5.5	16.5	2.5	36.0	17.7
Russia	2.7	8.1	0.6	9.2	4.5
Ukraine	2.0	6.0	2.1	30.1	14.8
Australia	1.4	4.2	0.7	9.5	4.7
Germany	1.2	3.7	0.09	1.2	0.6
Poland	1.1	3.3	0.4	5.7	2.8
India	0.7	2.1	0.3	4.0	2.0
Kazakhstan	0.5	1.5	0.3	4.5	2.2
South Africa	0.5	1.5	0.4	5.8	2.8
United Kingdom	0.4	1.1	0.2	2.2	1.1
Czech Republic	0.4	1.1	0.06	0.8	0.4
Mexico	0.1	0.4	0.1	1.9	1.0
Study total	28.3	85.8	14.2	203.4	100.0
Other countries	4.7	14.2	2.4	33.7	
World total	33.0	100	16.6	237.1	

Source: US EPA, 2000



Location: Chongqing Municipality, ChinaType of emission reductions: Methane destruction and electricity generation

Project description:

- 24 x 0.5MW generators running on CMM from 4 mines
- Electricity will be supplied to the mines, offsetting coal-dominated grid
- In conjunction with supply to households
- Scheduled to begin operating by early 2008
- An investment analysis of the project demonstrated that the IRR of the project (without CDM financing) was 8%. With CDM, it rises to 49%

Estimated ERs: 800,000 tCO2e/year

Current Status: Validation





- Your coal mine operations
 - Pre-mining drainage flow rates m3/year?
 - What is methane concentration range?
 - Are methane emissions currently monitored?
 - What kind of mining method is currently employed at the mine?
 - Are there any existing use of CMM already?
- What are you expectations from this project?
 - Which technology provider suits you best?
 - What type of deal structure you are looking for?
 - What are your terms of reference?



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